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# ASA LOUIS

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WASHINGTON STATE PATROL  
2203 AIRPORT WAY S  
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## WORK HISTORY

### **Washington State Patrol, Seattle WA**

Forensic Scientist - Toxicology

Jan 2003 - Present

- ◆ Accession, extract and analyse forensic samples for presence of legal and illegal substances
- ◆ Report findings
- ◆ Testify in court of law pertaining to findings, and as an Expert Witness
- ◆ Maintain instrumentation

### **Provincial Toxicology Centre, Port Coquitlam BC**

Forensic Analyst

Sep 1991 - Apr 1992, Jul 1996 - Dec 2002

- ◆ Prepare, quantitatively and qualitatively analyse samples for abusive and non-abusive substances
- ◆ Report forensic and clinical results
- ◆ Testify in court of law pertaining to findings
- ◆ Maintain instrumentation
- ◆ Accession forensic and clinical samples

### **ASL Laboratories, Vancouver BC**

Section Co-ordinator, Purchaser

May 1992 - Jun 1996

- ◆ Co-ordinate daily activities of 3-4 staff members in the Extractable Hydrocarbons Group
- ◆ Prepare and quantify samples for organic compound content
- ◆ Accession samples for testing, sublet samples to support laboratories
- ◆ Purchase, receive and distribute materiel from suppliers
- ◆ Member of Emergency Spill Response Team

## ACADEMIC HISTORY

### **Post Baccalaureate Diploma Program - Environmental Toxicology**

Simon Fraser University. Graduated: Apr 1992

### **Bachelor of Science - Biochemistry**

University of British Columbia. Graduated: Apr 1988

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## RELATED SKILLS

- ◆ Mass Selective Liquid Chromatography
  - ◆ Mass Selective Gas Chromatography
  - ◆ Gas Chromatography
  - ◆ High Pressure Liquid Chromatography
  - ◆ Radio-Immuno Assay Techniques
  - ◆ Colloidal Immuno Assay Techniques
  - ◆ Ultraviolet Spectrophotometry
  - ◆ Thin Layer Chromatography
  - ◆ Supercritical Fluid Extraction
  - ◆ Solid Phase Extraction Chromatography
  - ◆ Atomic Absorption Spectrophotometry
  - ◆ Aseptic Microbiological Techniques
  - ◆ Analytical Paper Chemistry Techniques
  - ◆ Corel WordPerfect Suite 8
  - ◆ Microsoft Windows 95, NT, XP
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- 2004 Northwest Assoc. For. Sci. – Marijuana: A Forensic Symposium
  - 2004 Northwest Assoc. For. Sci. – Forensic Applications of LCMS
  - 2004 Northwest Assoc. For. Sci. – GC/MSD maintenance
  - 2004 Shoreline Police Department - In Field Observation / Ride-along
  - 2003 Indiana University – Robert F Borkenstein course on Alcohol and Highway Safety
  - 2003 Soc. Forensic Toxicologists - Principles of Sample Preparation
  - 2003 Soc. Forensic Toxicologists - Practical Applications of LCMS in Routine Forensic Toxicology
  - 2003 Washington State Patrol - Standard Field Sobriety Test Training (Refresher)
  - 2003 Canadian Soc. For. Sci. - The A-Z of Marijuana
  - 2003 Canadian Soc. For. Sci. - Rave On! Chemical Drugs and the Rave Culture
  - 2003 Washington State Patrol - Blood Alcohol Analyst
  - 2003 Seattle Police Department - In Field Observation / Ride-along
  - 2002 Can. Comm. Epidemiology Network/ADIC - Methamphetamine Environmental Scan Summit
  - 2000 UBC - Radionuclide Safety and Methodology
  - 1998 Riverview Hospital - Chance Encounters
  - 1997 Riverview Hospital - Transportation of Dangerous Goods - Biological
  - 1997 Riverview Hospital - Workplace Harassment
  - 1995 ASL Labs - Transportation of Dangerous Goods - Chemical
  - 1993 Hewlett-Packard - 5890 Troubleshooting and Maintenance
  - 1992 ASL Labs - WHMIS
  - 1992 Hewlett-Packard - HP Columns
  - 1992 Greiner, Bethell & Company - Expert Witness

## REFERENCES

Available upon request

## PUBLICATIONS

Langman LJ, Kaliciak, HK, Louis A. Death Attributed to Intravenous Oxycodone \*Poster presentation - 55th Annual American Academy of Forensic Sciences (AAFS) Meeting, Chicago, IL, Feb 17 - 22, 2003.